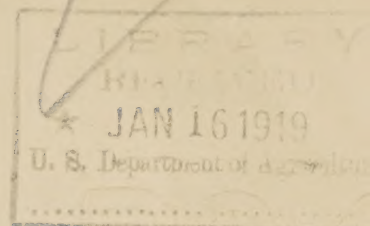


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U. S. DEPARTMENT OF AGRICULTURE



MOTION PICTURE FILMS

FOREST SERVICE

- Grazing Industry on the National Forests.....1 reel
Cattle and sheep grazing on the National Forests of the west.
- Lumbering Yellow Pine in the Southwest.....1 reel
Cutting the trees under Government regulations on the Coconino National Forest, Arizona, hauling the logs to railroads, and shipping them to mills where they are cut into lumber.
- Lumbering Lodgepole Pine.....1 reel
Government timber on the Arapaho National Forest, Colorado, cut under regulations.
- Lodgepole Pine for Railroad Ties.....1 reel
Pines on Wasatch National Forest, Utah, cut into railroad ties.
- National Forests as Recreation Grounds and
"Bull Run" - Portland's Water Supply.....1 reel
National Forests as summer resorts and fishing grounds, also how the water supply of Portland, Oregon, is protected on the Oregon National Forest.
- The Work of a Forest Ranger.....1 reel
The varied life and duties of a forest ranger on the National Forests.
- Tree Planting on the National Forests.....1 reel
Planting seedlings and sowing tree seeds in denuded areas of the National Forests.
- What a Careless Hunter in the Woods Can Do.....1 reel
A forest fire started by a careless hunter, the methods of the Government's fire fighters, and the destruction of a town by the fire.
- Work of the Forest Products Laboratory.....1 reel
Work at the Forest Products Laboratory, Madison, Wisconsin, in timber testing, the preservative treatment of timber, the manufacture of paper from wood waste, and methods of service to manufacturers..

ANIMAL INDUSTRY

- Construction of a Concrete Silo.....1 reel
All steps in the construction of a concrete silo.
- Construction of a Wooden Hoop Silo.....1 reel
Method of construction of a silo built of wooden
hoops and staves.
- Cooperative Cow-Testing in Vermont.....1 reel
Work of Cooperative Cow-Testing Association in
increasing profits and improving dairy herds.
- Lambs From Range to Market.....1 reel
Ewes and lambs grazing on National Forests; the
lambs separated from the ewes at the end of the
season and taken to feeding yards for fattening;
fattening of lambs on different feeds, and loading
lambs on trains for market.
This reel largely duplicates that of "Grazing
Industry on the National Forests".
- From Wool to Cloth.....3 reels
Reel 1. Wool sorted and weighed at warehouses.
Buyers purchasing wool from sample clips.
Reel 2. Lowell Textile School. Wool sorted by
hand and cleaned and washed by machinery. Wool
carded and wound by machines.
Reel 3. Wool twisted into yarn of various grades,
then woven into cloth. The fifteen processes
of shrinking, singeing, etc., through which the
cloth is passed after weaving.
- Government Poultry Farm, Beltsville, Maryland.....4 reels
Reel 1. Natural and artificial incubation of eggs
and methods of handling; general view of the
poultry farm; the brooders and pens in which
young chicks are raised, how kept, cleaned, etc.,
and chicks in the pens.
Reel 2. Houses and pens used for chicks as they
grow older and reach maturity; chicks moved
from one house to another, weighed, and separ-
ation of cockerels and pullets.
Reel 3. The use of the trap-nest, and the number-
ing and recording of eggs.
Reel 4. Egg embryology. Testing eggs for fer-
tility, and the periodic development of the
embryo; how to break up broody hens; and spec-
imens of breded poultry.
- Types of Horses at the Washington Horse Show.....2 reels
Types and individual horses which won prizes at the
Horse Show.

1. The purpose of this Convention is to establish a permanent body for the study and improvement of the wool of the sheep of the world.

2. The Convention shall be composed of representatives of the wool-producing countries of the world, and shall meet at least once a year.

3. The Convention shall have the right to invite to its meetings any other country or person who may be interested in the wool industry.

4. The Convention shall have the right to make recommendations to the governments of the member countries with regard to the improvement of the wool of the sheep of the world.

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- Uncle Sam's Pig Club Work.....1 reel
The formation of pig clubs among boys, and one boy's
success in raising a prize hog.
- Why Eat Cottage Cheese?.....2 reels
Mrs. Brown learns how cottage cheese is made from
skim milk at a modern creamery and marketed and how
to use it in the home. Serves it to her family.

BUREAU OF MARKETS

- Cooperative Berry Growing in Pacific Northwest.....2 reels
Cooperative growing, purchasing, marketing and can-
ning in a community in the northwest.
- Cotton.....8 reels
Reels 1 and 2. Planting and cultivation of cotton.
Reels 3 and 4. Ginning and marketing cotton.
Types of cotton and bales.
Reels 5, 6 and 7. Cotton manufacture. Carding and
weaving cloth.
Reel 8. Dyeing.

OFFICE OF PUBLIC ROADS AND RURAL ENGINEERING

- Bituminous Macadam Road Construction.....1 reel
Construction of a bituminous macadam road in Maine.
- Cement and Concrete Tests.....1 reel
How cement is tested in briquettes and stone slabs
tested for bridge building.
- Concrete Road Construction.....1 reel
Construction of a concrete post road in Ohio.
- Gravel Road Construction.....1 reel
Construction of a gravel road in Virginia.
- Macadam Road Construction.....1 reel
Construction of a macadam road in Maryland.
- Road Construction and Maintenance and
Road Tests with Traction Dynamometer.....1 reel
Work in repairing and maintaining roads. Testing
rock used for roads and test of the machine which
records wear of different weights on a road.
- Testing Rock to determine its value for Road Building.....1 reel
Drills and machines which are used to test rock for
durability and toughness.

INDEX

Uncle Sam's Pig Club Work.....1 test
The formation of pig club members and one boy's
success in raising a prize pig.....

Why Not Cotton Chassis?.....2 tests
Mrs. Brown learns how to change chassis in road from
skin milk at a modern grocery and marketed and how
to use it in the home. Serves it to her family.

STANDARD OF MARKETS

Cooperative berry growing in Pacific Northwest.....2 tests
Cooperative growing, marketing and con-
sumption in a community in the Northwest.

Custom.....8 tests
Tests 1 and 2. Planning and cultivation of cotton.
Tests 3 and 4. Growing and marketing cotton.
Types of cotton and bales.
Tests 5, 6 and 7. Cotton manufacturing, grading and
marketing cloth.
Test 8. Dyeing.

SECTION OF PUBLIC ROADS AND ROAD ENGINEERING

Estimating Machine Road Construction.....1 test
Construction of a bituminous macadam road in Indiana.

Concrete and Concrete Tests.....1 test
How concrete is tested in laboratory and road tests.
Tested for bridge building.

Concrete Road Construction.....1 test
Construction of a concrete road in Ohio.

Gravel Road Construction.....1 test
Construction of a gravel road in Virginia.

Macadam Road Construction.....1 test
Construction of a macadam road in Maryland.

Road Construction and Maintenance and
Road Tests with Tractor Dynamometer.....1 test
Work in repairing and maintaining roads. Testing
road used for roads and that of the machine which
records wear of different wheels on a road.

Testing Rock to determine its value for road building.....1 test
Cracks and specimens which are used to test rock for
durability and toughness.

MISCELLANEOUS.

- Congressional Seed Distribution.....1 reel
Testing, storing and packaging of some of the
14,000,000 packages of seeds sent out by the Depart-
ment of Agriculture in 1913-14.
- Control of Pink Bollworm of Cotton.....2 reels
Reel 1. The clean-up campaign in Texas, where
10,000 acres of cotton-land were cleared and burned
to rid them of the infestation of pink bollworms.
Pictures of the bollworm and larvae. View of
Anahuac, where the bollworm entered the
United States.
Reel 2. Fumigation of Egyptian cotton at port of
entry.
- Dust Explosions (A technical reel).....1 reel
Dust explosions and their results in feed-grinding
plants. Experiments in U. S. Department of Agri-
culture and Bureau of Mines, with dust from starch,
flour, sugar, coal, and sulphur.
Explosions and fires in threshing-machines, their
causes and results, and tests of fire-extinguishers
to be adapted to use in machines.
- Helping the Farmers of Tomorrow.....2 reels
The trip to Washington and sight-seeing tours of the
children who won state prizes for raising fruit, vege-
tables and poultry in club work.
- Preventing Spread of the Gipsy and Brown-tail Moths.....4 reels
The gipsy and brown-tail moths in all stages, their
depredations on trees in New England, and methods of
fighting them.
Inspection of timber to prevent caterpillars' travel-
ing; spraying trees.
Propagation and spread of parasite which feeds on
moth larvae.
- Strawberry Industry in Kentucky and
Bridge Grafting to Save Trees.....1 reel
Berry plants cultivated and pickers gathering berries.
The sorting and handling, down to the time the fruit
reaches the market.
Trees girdled by rodents are saved by a graft bridged
across the injury.

